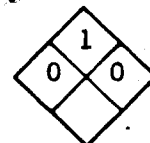


JAN 25 1982

ADAPTED FROM USOL
FORM NO. LSB-005-4-MAY 1969

SHELL OIL COMPANY
SHELL CHEMICAL COMPANY
SHELL DEVELOPMENT COMPANY
SHELL PIPE LINE CORPORATION

PPM 1577
Lubricant, Grease

HAZARD
RATING

MATERIAL SAFETY DATA SHEET

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

SECTION I			
MANUFACTURER'S NAME Shell Oil Company		EMERGENCY TELEPHONE NO. (713) 473-9461	
ADDRESS (Number, Street, City, State, and ZIP Code) One Shell Plaza, Houston, Texas 77002			
CHEMICAL NAME AND SYNONYMS Lubricating grease		TRADE NAME AEROSHELL^(R) Grease 16	
CHEMICAL FAMILY Synthetic ester		FORMULA Code 70016	

SECTION II HAZARDOUS INGREDIENTS*						
COMPOSITION	%	SPECIES	LD ₅₀		LC ₅₀	
			ORAL	DERMAL	CONCENTRATION	HOURS
PIGMENTS						
CATALYST						
VEHICLE						
SOLVENTS						
ADDITIVES						
OTHERS						
<p>Aeroshell Grease 16 consists of a synthetic ester plus mineral oil an inorganic (treated clay) thickener, and antioxidant and anticorrosion additives. It is not a hazardous material by U. S. Department of Labor definition. [29 CFR 1915.2 (s)]</p>						

SECTION III PHYSICAL DATA			
BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O=1)	1.01
VAPOR PRESSURE (mmHg)		PERCENT VOLATILE BY VOLUME (%)	22 hrs. @ 350°F
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	4
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Light-brown grease - slight odor			

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	Base oil has flash of over 400°F, Cleveland Open Cup	FLAMMABLE LIMITS	
		N.A.	
EXTINGUISHING MEDIA	Dry chemical type preferred		
SPECIAL FIRE FIGHTING PROCEDURES			
None			
UNUSUAL FIRE AND EXPLOSION HAZARDS			
None			

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SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE N.A.

EFFECTS OF OVEREXPOSURE Slight irritation to skin and eyes

EMERGENCY AND FIRST AID PROCEDURES Skin - remove product by wiping or by applying waterless hand cleaner, followed by washing with soap and water.

Eyes - wash with copious quantity of water.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide can be formed during combustion.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Absorb with clay, diatomaceous earth, or other inert material.

WASTE DISPOSAL METHOD Controlled burning.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) None normally required.

VENTILATION	LOCAL EXHAUST Not normally needed	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES Not normally needed	EYE PROTECTION Not normally needed
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OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING No special precautions normally needed, however, avoid repeated or prolonged skin contact.

OTHER PRECAUTIONS

NAME H. Low, Staff Technologist

TITLE Regulatory Affairs - Chemical Prods.

COMPANY Shell Oil Company

SIGNATURE *H. Low*

DATE January 25, 1975

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.